

Title (en)
SURFACE-MODIFIED ZINC OXIDES

Title (de)
OBERFLÄCHENMODIFIZIERTES ZINCOXID

Title (fr)
OXYDE DE ZINC TRAITEE EN SURFACE

Publication
EP 1664207 A2 20060607 (EN)

Application
EP 04764027 A 20040812

Priority

- EP 2004009023 W 20040812
- EP 03018678 A 20030822
- EP 04764027 A 20040812

Abstract (en)
[origin: EP1508599A1] Surface-modified zinc oxides with a BET surface area of 18 +/- 5 m<2>/g and a C content of 0.1 to 5.0 wt.% are prepared by spraying the zinc oxides with the surface-modifying agent or adding this in vapour form and then heat-treating the mixture. <?>They can be employed for the preparation of cosmetics.

IPC 1-7
C09C 1/04

IPC 8 full level
A61K 8/28 (2006.01); **A61Q 17/04** (2006.01); **C09C 1/04** (2006.01)

CPC (source: EP KR US)
A61K 8/28 (2013.01 - EP KR US); **A61Q 17/04** (2013.01 - EP KR US); **C09C 1/043** (2013.01 - EP KR US); **C01P 2006/12** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2005019347A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1508599 A1 20050223; AU 2004267218 A1 20050303; AU 2004267218 B2 20070830; CA 2534389 A1 20050303; CA 2534389 C 20120501; CN 1836009 A 20060920; EP 1664207 A2 20060607; JP 2007503373 A 20070222; JP 4528776 B2 20100818; KR 100802352 B1 20080213; KR 20060070550 A 20060623; US 2006210495 A1 20060921; WO 2005019347 A2 20050303; WO 2005019347 A3 20050331

DOCDB simple family (application)
EP 03018678 A 20030822; AU 2004267218 A 20040812; CA 2534389 A 20040812; CN 200480023297 A 20040812; EP 04764027 A 20040812; EP 2004009023 W 20040812; JP 2006524276 A 20040812; KR 20067003655 A 20060222; US 56899206 A 20060221